

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
 Data File : VN079629.D
 Acq On : 20 Oct 2023 15:28
 Operator : JC\MD
 Sample : 05000-02 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/23/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023

Quant Time: Oct 20 23:50:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.824	128	19710	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	121460	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	142890	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	79880	28.505	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.000%
60) 4-Bromofluorobenzene	12.853	95	52828	20.217	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	67.400%
63) Toluene-d8	10.571	98	175778	28.708	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.700%
Target Compounds						
15) Acetone	4.430	58	3784m	7.791	ug/l	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

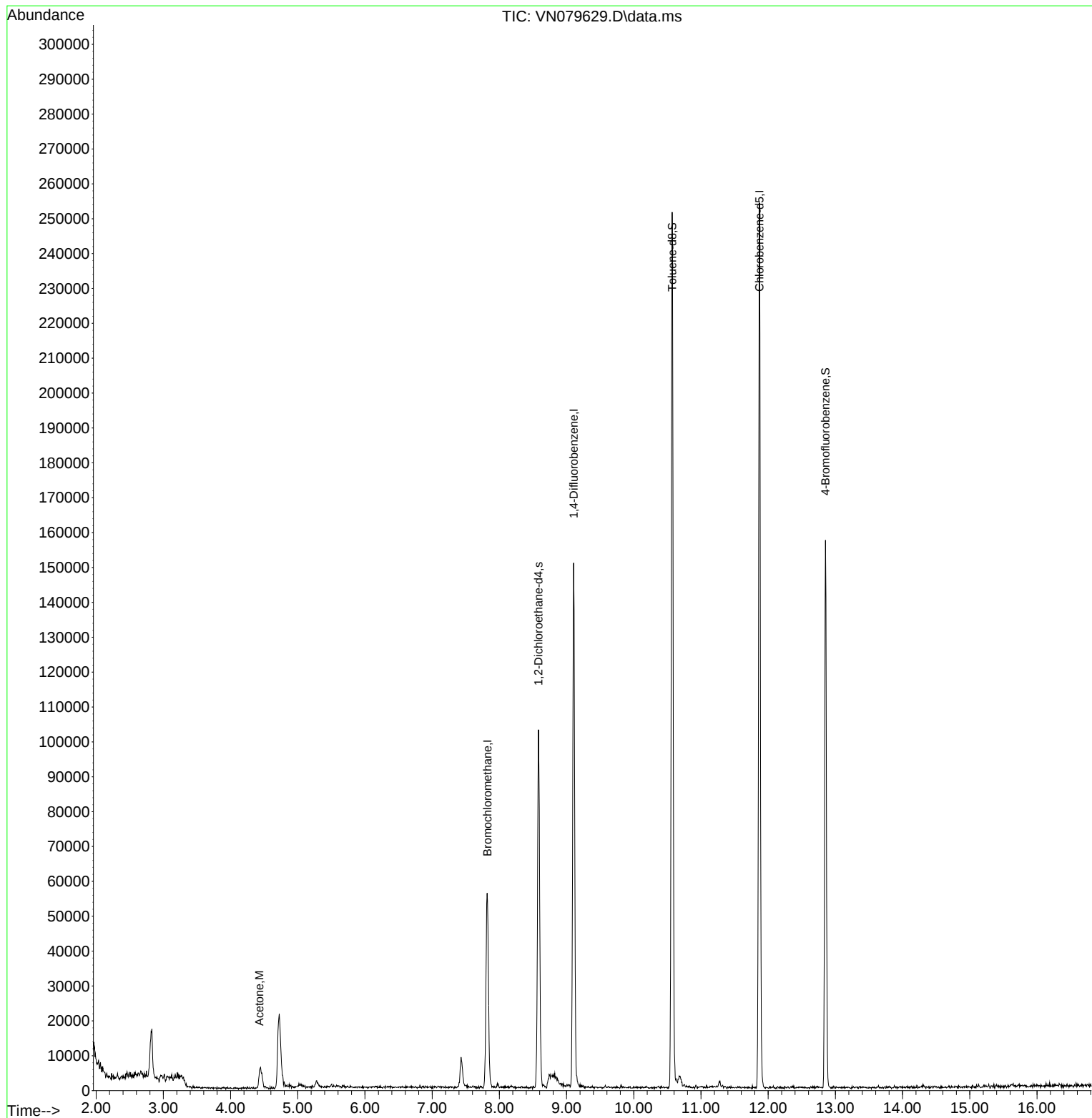
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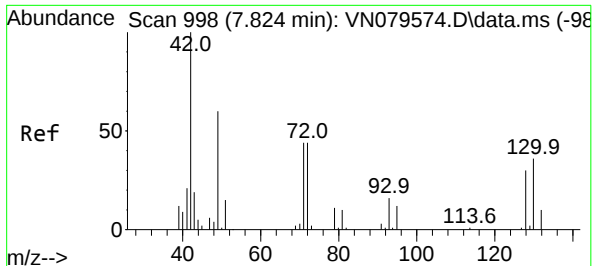
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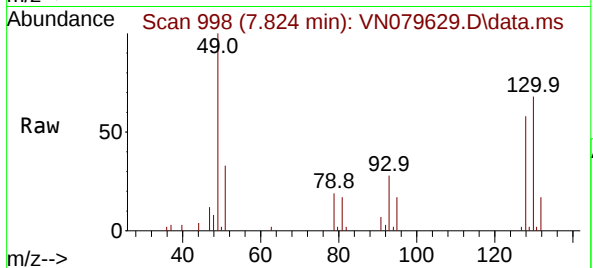
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN079629.D
Acq: 20 Oct 2023 15:28

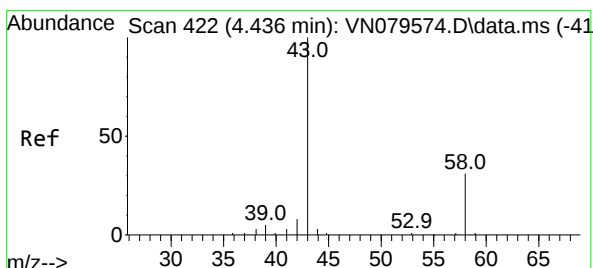
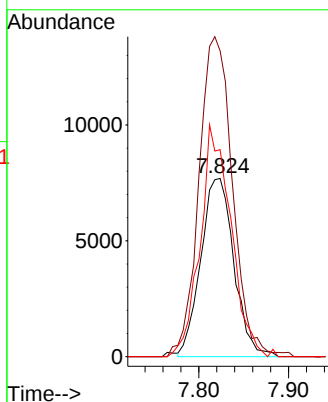
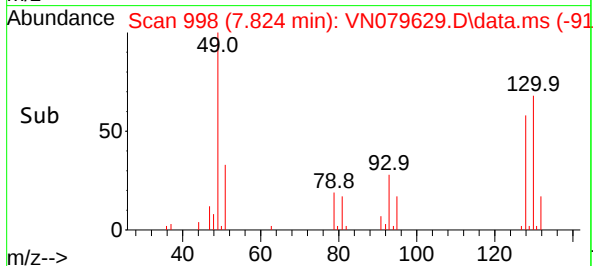
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Tgt Ion:128 Resp: 19710
Ion Ratio Lower Upper
128 100
49 181.9 0.0 468.5
130 120.7 0.0 320.7

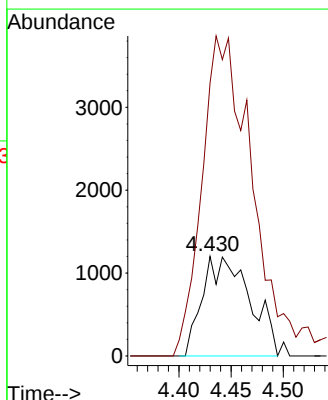
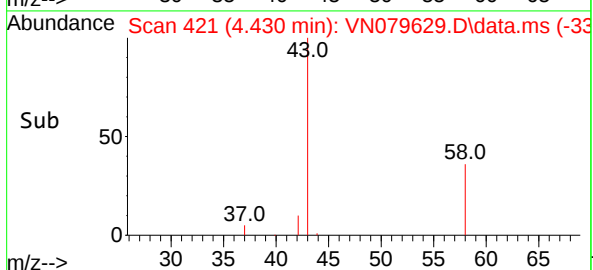
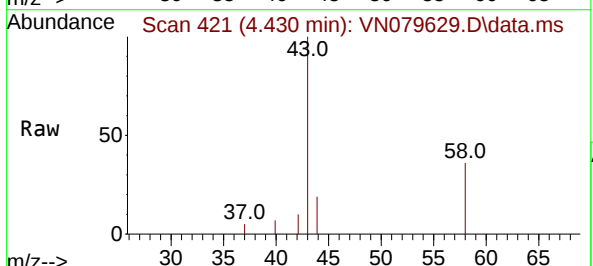
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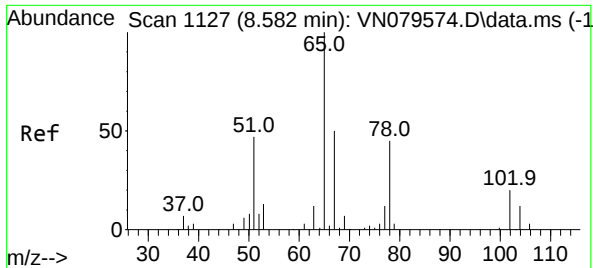
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#15
Acetone
Concen: 7.791 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN079629.D
Acq: 20 Oct 2023 15:28

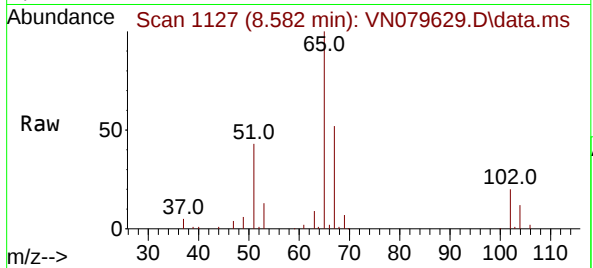
Tgt Ion: 58 Resp: 3784
Ion Ratio Lower Upper
58 100
43 274.0 225.2 337.8





#27
1,2-Dichloroethane-d4
Concen: 28.505 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079629.D
Acq: 20 Oct 2023 15:28

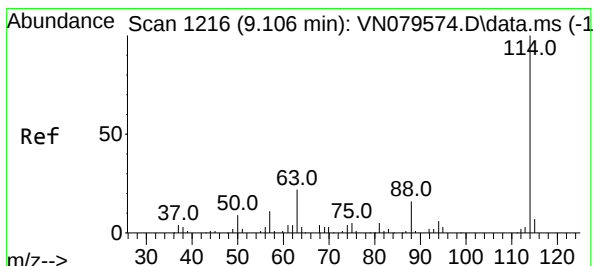
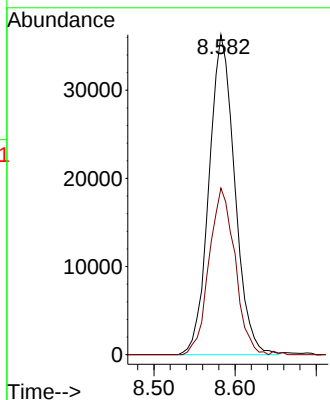
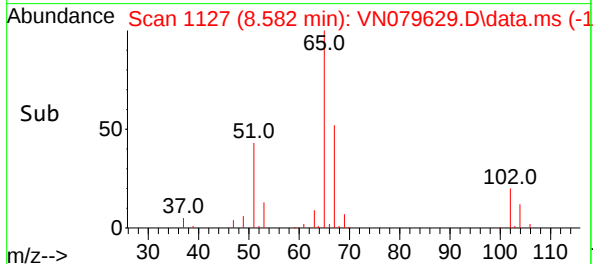
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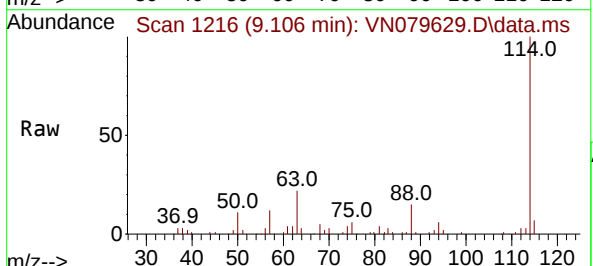
Tgt Ion: 65 Resp: 79880
Ion Ratio Lower Upper
65 100
67 52.3 42.1 63.1

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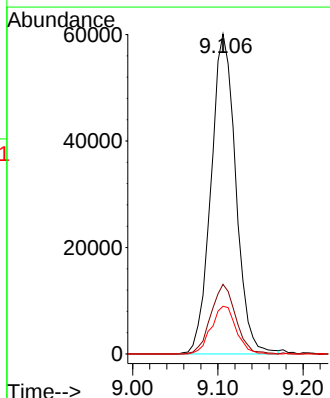
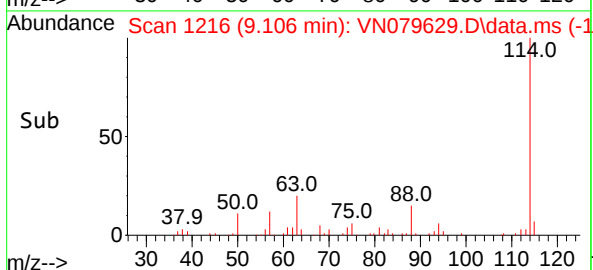
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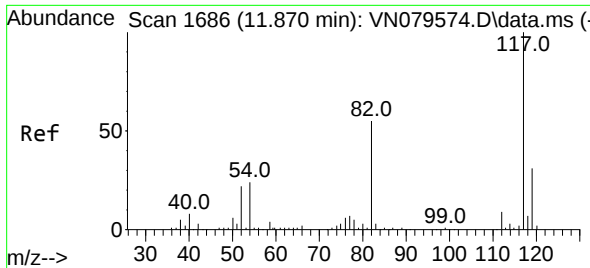


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079629.D
Acq: 20 Oct 2023 15:28



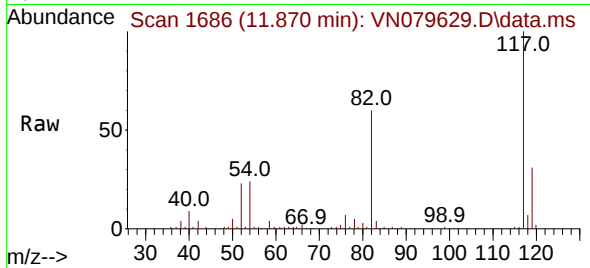
Tgt Ion:114 Resp: 121460
Ion Ratio Lower Upper
114 100
63 21.6 18.1 27.1
88 15.0 12.2 18.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079629.D
Acq: 20 Oct 2023 15:28

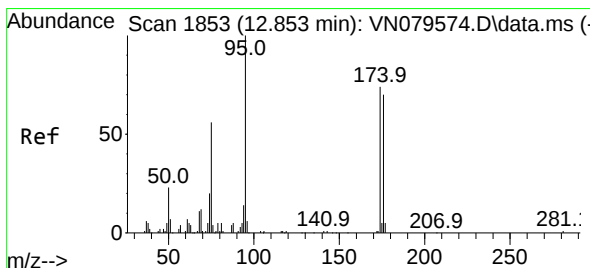
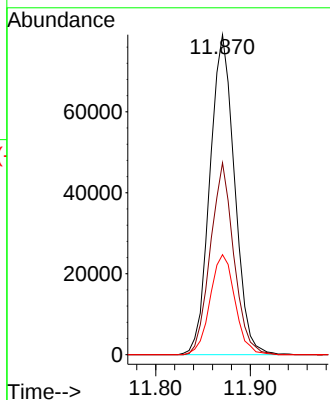
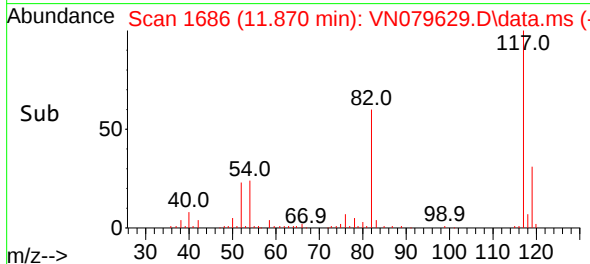
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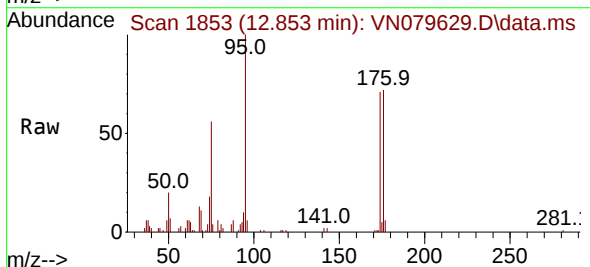
Tgt Ion:117 Resp: 142890
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.2
119 31.7 25.2 37.8

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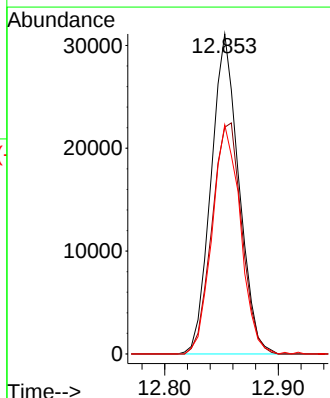
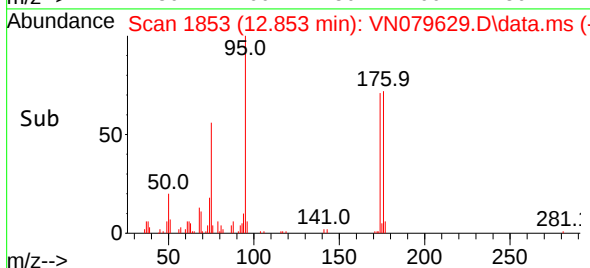
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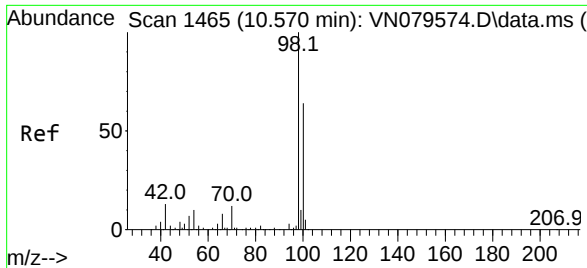


#60
4-Bromofluorobenzene
Concen: 20.217 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079629.D
Acq: 20 Oct 2023 15:28



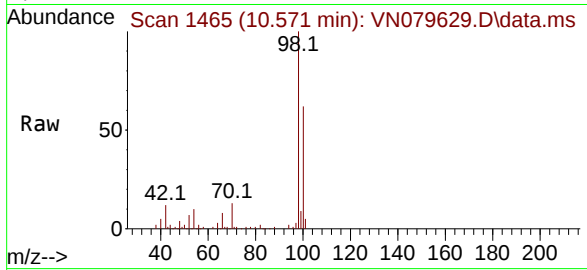
Tgt Ion: 95 Resp: 52828
Ion Ratio Lower Upper
95 100
174 77.7 60.5 90.7
176 72.7 57.2 85.8





#63
Toluene-d8
Concen: 28.708 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079629.D
Acq: 20 Oct 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 98 Resp: 175778
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

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